



Department of  
Veterans Affairs

# BUILDING 6M ENTRY VESTIBULE

## VA CENTRAL IOWA HEALTH CARE SYSTEM

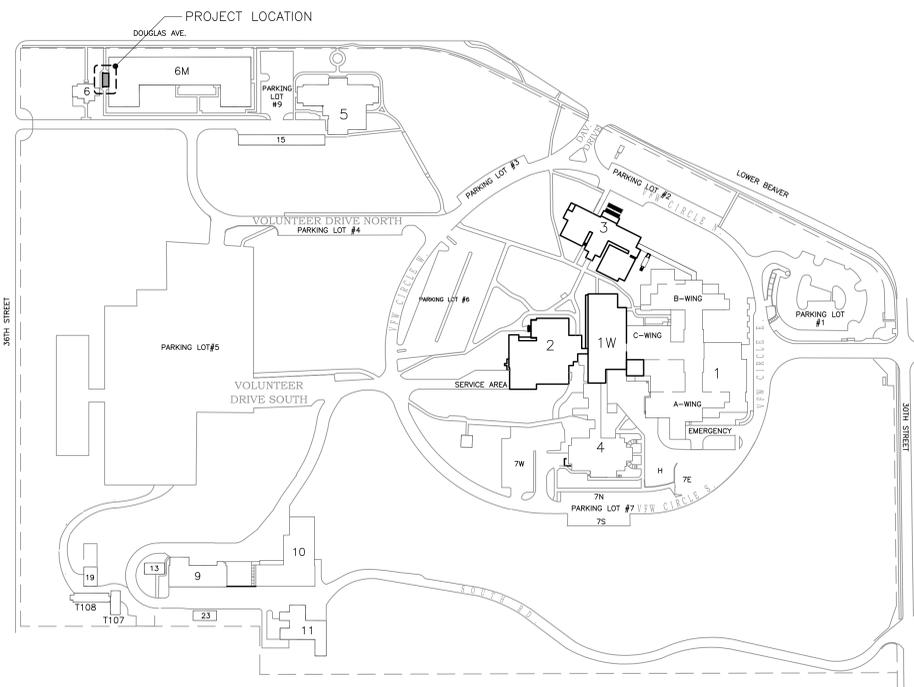
### DES MOINES DIVISION

#### DES MOINES, IOWA

**CONSTRUCTION DOCUMENTS SUBMITTAL**  
**OCTOBER 31, 2012**

#### CODE INFORMATION

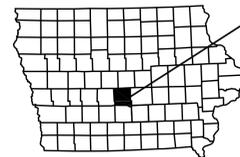
- **2009 INTERNATIONAL BUILDING CODE**
- **NFPA 101 AND 72**
- **CONSTRUCTION TYPE: TYPE VB, FULLY SPRINKLERED**
- **OCCUPANCY: "B" - BUSINESS**
- **ALLOWABLE S.F.: 9000 +**  
**[(9000x.75)] + (9000x3) = 42,750 S.F.**
- **ORIGINAL BUILDING S.F.: 22,400 S.F.**
- **ADDITION S.F.: 260 S.F.**
- **TOTAL S.F.: 22,660 < 42,750**
- **ALLOWABLE STORIES: 3 (FULLY SPRINKLERED)**
- **NUMBER OF STORIES: 1**
- **ALLOWABLE HEIGHT: 60' (FULLY SPRINKLERED)**
- **BUILDING HEIGHT: 14' - 0"**



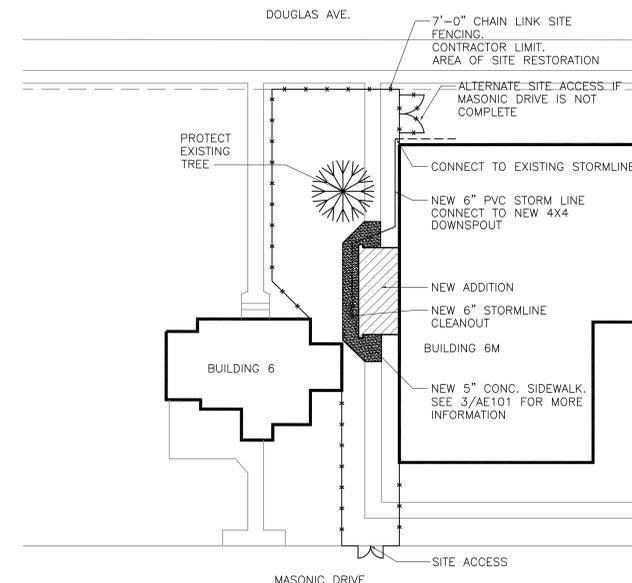
**DES MOINES CAMPUS**

#### DRAWING INDEX

- |                   |              |  |
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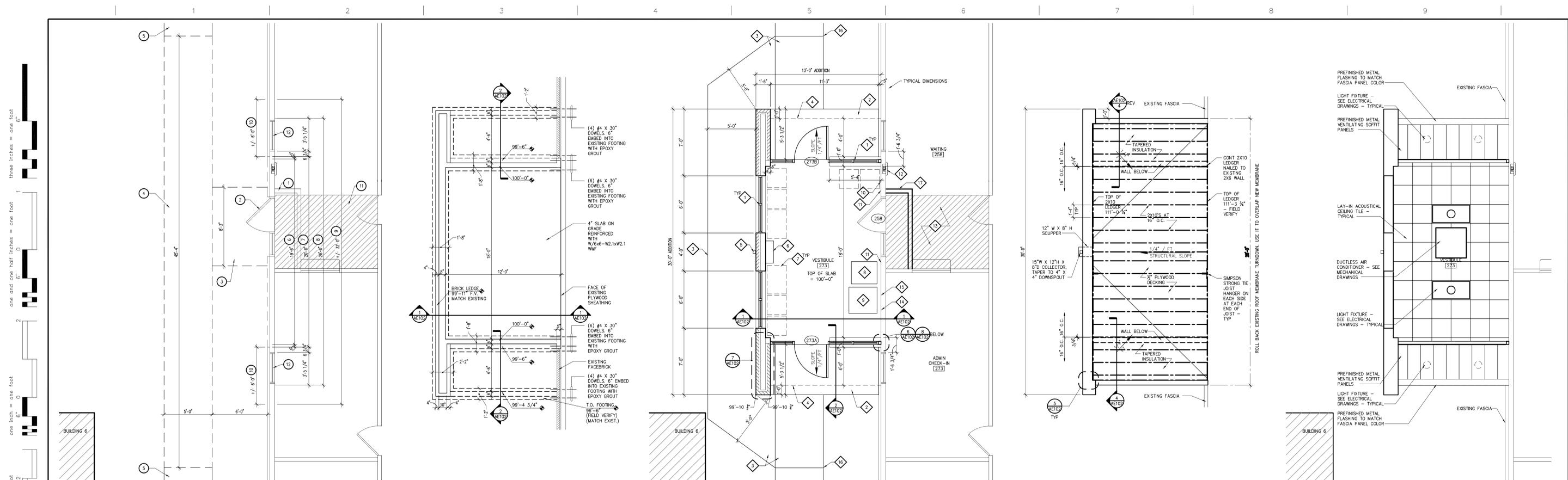
**COUNTY MAP**



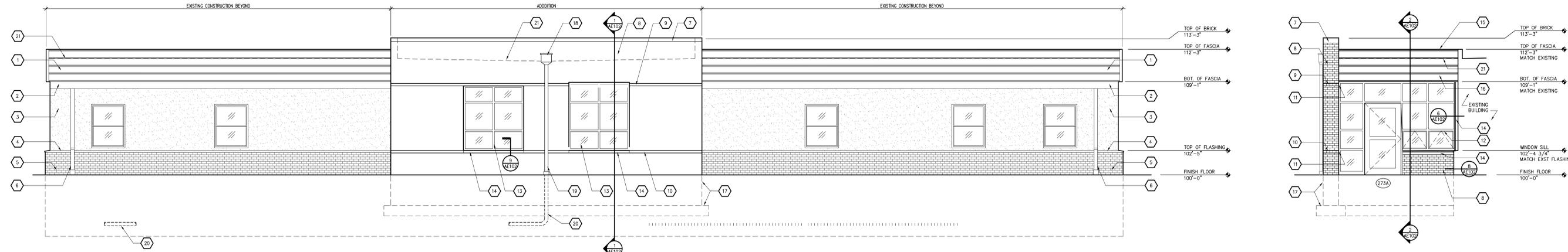
**SITE PLAN**

CONSTRUCTION DOCUMENTS 100%

Revisions Date	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title <b>COVER SHEET AND DRAWING INDEX</b>	Project Title <b>BUILDING 6M ENTRY VESTIBULE</b>	Project Number <b>636A6-12-907</b>	Office of Construction and Facilities Management 
	 316 2nd Street SE Suite 500   Cedar Rapids, Iowa 52406 319.364.0227   fax: 319.364.4251   shive-hattery.com Iowa   Illinois   Missouri	Approved: Project Director	Location <b>DES MOINES, IOWA</b>	Building Number <b>6M</b>	Drawing Number <b>G001</b> Dwg. 1 of 5	



**1 DEMOLITION PLAN** 1/4" = 1'-0"  
**2 FOUNDATION PLAN** 1/4" = 1'-0"  
**3 FLOOR PLAN** 1/4" = 1'-0"  
**4 ROOF PLAN** 1/4" = 1'-0"  
**5 REFLECTED CEILING PLAN** 1/4" = 1'-0"



**6 WEST ELEVATION** 1/4" = 1'-0"  
**7 SOUTH ELEVATION (NORTH REV)** 1/4" = 1'-0"

- DEMOLITION PLAN KEY NOTES**
- 1-HOUR TEMPORARY PARTITION: 2x4 STUD WALL, STUDS AT 16" O.C. WITH 5/8" TYPE X GYPSUM BOARD EACH SIDE
  - REMOVE EXISTING DOOR AND FRAME AS REQUIRED TO REMOVE STOOP. RE-INSTALL
  - REMOVE CONCRETE STOOP IN ITS ENTIRETY INCLUDING FOUNDATION AND FOOTINGS.
  - REMOVE CONCRETE SIDEWALK AS REQUIRED FOR CONSTRUCTION.
  - EXISTING CONCRETE SIDEWALK TO REMAIN.
  - CUT AND REMOVE EXISTING EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) AND GUTTER SYSTEM. CAP ENDS OF REMAINING GUTTER SYSTEM FOR CLOSURE AND WATER TIGHTNESS.
  - REMOVE BRICK WANSKOT.
  - REMOVE METAL PANEL FASCIA AND SUPPORTS. REMOVE WALL FLASHING DOWN TO PLYWOOD SHEATHING.
  - REMOVE EXISTING PERIMETER DRAIN. RE-ROUTE AROUND NEW VESTIBULE.
  - REMOVE AND RE-INSTALL FACE BRICK AS REQUIRED TO RAISE THRU-WALL FLASHING APPROXIMATELY 8" TO ABOVE NEW STRUCTURAL STOOP.
  - REMOVE EXISTING VCT FLOORING. THIS WORK TO BE DONE AFTER HOURS, AFTER REMOVING TEMPORARY PARTITION.
  - PROTECT EXISTING WINDOWS DURING CONSTRUCTION.
- GENERAL CONSTRUCTION NOTES**
- CONTRACTOR SHALL COORDINATE WORK SCHEDULES WITH THE OWNER TO ESTABLISH CONSTRUCTION SEQUENCING OF ANY OCCUPIED AREAS. CONTRACTOR SHALL NOT PROCEED TO OCCUPIED AREAS UNTIL AUTHORIZED BY THE OWNER.
  - ALL ELEMENTS AND SURFACES DAMAGED BY DEMOLITION, BUT NOT SLATED FOR REMOVAL, SHALL BE REANCHORED, REPAIRED, AND REFINISHED TO MATCH ADJACENT SURFACES.
  - CONTRACTORS AND MATERIAL SUPPLIERS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING FACILITY WHICH WILL AFFECT THEIR WORK.
  - SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL CONSTRUCTION MATERIALS AND ASSEMBLIES WHICH ARE NORMALLY REQUIRED BY THE CONSTRUCTION PROCESS.
  - PATCH-BACK ALL MATERIALS DISTURBED BY NEW CONSTRUCTION.
  - REMOVE FROM THE SITE ALL DEBRIS & MATERIALS RESULTING FROM CONSTRUCTION UNLESS NOTED OTHERWISE.
  - ITEMS TO BE REMOVED SHALL BE REMOVED IN ENTIRETY UNLESS NOTED OTHERWISE.
  - MINIMIZE DUST, DIRT, NOISE AND DISRUPTION TO ADJACENT OCCUPIED AREAS.
  - COVER ANY WALL OPENINGS WITH TEMPORARY CLOSURES ON SITE TO PROTECT THE INTERIOR FROM WEATHER, INSECTS, RODENTS AND INTRUDERS.
  - INSTALL BLOCKING IN WALLS AT ALL WALL-MOUNTED ITEMS.
  - INSTALL FULL-HEIGHT WINDOW SHADES AT ALL NEW WINDOWS INCLUDING TRANSOMS. FURNISH TWO LOOSE EXTENSION POLES FOR OPERATION ACCESS.
- FLOOR PLAN KEY NOTES**
- ALUMINUM STOREFRONT
  - STRUCTURAL STOOP
  - NEW CONCRETE WALK - SCORE AT 5'-0" O.C.
  - OVERHANG
  - 4" DOWNSPOUT - CONNECT TO PERIMETER FOOTING DRAIN
  - RELOCATED WALL-MOUNTED LITERATURE RACK
  - SEATING BY OWNER
  - BEVERAGE VENDING MACHINE BY OWNER
  - SNACK VENDING MACHINE BY OWNER
  - WALL-MOUNTED TV AND DVD - SEE ELECTRICAL DRAWINGS
  - RELOCATE SIGNAGE PER OWNER'S DIRECTION
  - EXISTING FIRE EXTINGUISHER AND CABINET TO REMAIN
- ARCHITECTURAL LEGEND**
- EXISTING CONSTRUCTION TO REMAIN I.N.O.
  - EXISTING CONSTRUCTION TO BE REMOVED WHERE NOTED
  - NEW CONCRETE
  - NEW BRICK
  - OTHER NEW CONSTRUCTION
  - DEMOLITION PLAN KEY NOTE
  - FLOOR PLAN KEY NOTE
  - ELEVATION KEY NOTE
  - ROOM NUMBER TAG
  - DOOR NUMBER TAG
- ELEVATION KEY NOTES**
- EXISTING METAL FASCIA PANELS
  - EXISTING METAL GUTTER ENCLOSURE
  - EXISTING EXTERIOR INSULATION AND FINISH SYSTEM
  - EXISTING FLASHING
  - EXISTING BRICK
  - EXISTING DOWNSPOUT
  - NEW PREFINISHED METAL CAP FLASHING
  - NEW BRICK - BRICK SUPPLIED BY OWNER, CONTRACTOR TO MOVE BRICKS TO SITE FROM ONCAMPUS STORAGE.
  - ONE COURSE OF BRICK WITH 1/4" REVEAL. TOP OF COURSE IS 9'-0" A.F.F.
  - ONE COURSE OF BRICK WITH 1/4" REVEAL. TOP OF COURSE IS 2'-4" A.F.F.
  - RETURN BRICK REVEAL TO CURTAIN WALL FRAMING BEYOND
  - ALUMINUM STOREFRONT WALL FRAMING BEYOND. SEE FRAME TYPE 1 OR FRAME TYPE 1 REVERSED, SHEET AE102
  - ALUMINUM STOREFRONT FRAMING. SEE FRAME TYPE 2, SHEET AE102
  - ALUMINUM FLASHING BY STOREFRONT MANUFACTURER
  - NEW PREFINISHED METAL FLASHING TO MATCH EXISTING COLOR
  - NEW PREFINISHED METAL FASCIA PANELS TO MATCH EXISTING
  - NEW CONCRETE FOOTING AND FOUNDATION
  - NEW PREFINISHED METAL SCUPPER
  - 4" X 4" PREFINISHED METAL DOWNSPOUT - TIE INTO STORM SEWER
  - 6" PVC STORM LINE. TIE INTO EXISTING STORM SYSTEM AT NORTHWEST CORNER OF EXISTING BUILDING
  - ROOF LINE
- GENERAL ELEVATION NOTES**
- ALIGN NEW BRICK COURSES WITH EXISTING BRICK COURSES.
  - FIELD - VERIFY ELEVATIONS OF EXISTING BRICK COURSES.

CONSTRUCTION DOCUMENTS 100%

<b>CONSULTANTS:</b> 		<b>ARCHITECT/ENGINEERS:</b> <b>SHIVEHATTERY</b> ARCHITECTURE+ENGINEERING 316 2nd Street SE Suite 500   Cedar Rapids, Iowa 52406 319.364.0227   fax: 319.364.4251   shive-hattery.com Iowa   Illinois   Missouri 1121920		<b>Drawing Title</b> PLANS AND ELEVATIONS <b>Approved: Project Director</b>		<b>Project Title</b> BUILDING 6M ENTRY VESTIBULE <b>Project Number</b> 636A6-12-907 <b>Building Number</b> 6M <b>Drawing Number</b> AE101 Dwg 2 of 5		<b>Location</b> DES MOINES, IOWA <b>Date</b> OCTOBER 31, 2012 <b>Checked</b> LDL <b>Drawn</b> BAJ/ADB		<b>Office of Construction and Facilities Management</b> Department of Veterans Affairs	
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three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot

A  
B  
C  
D  
E  
F

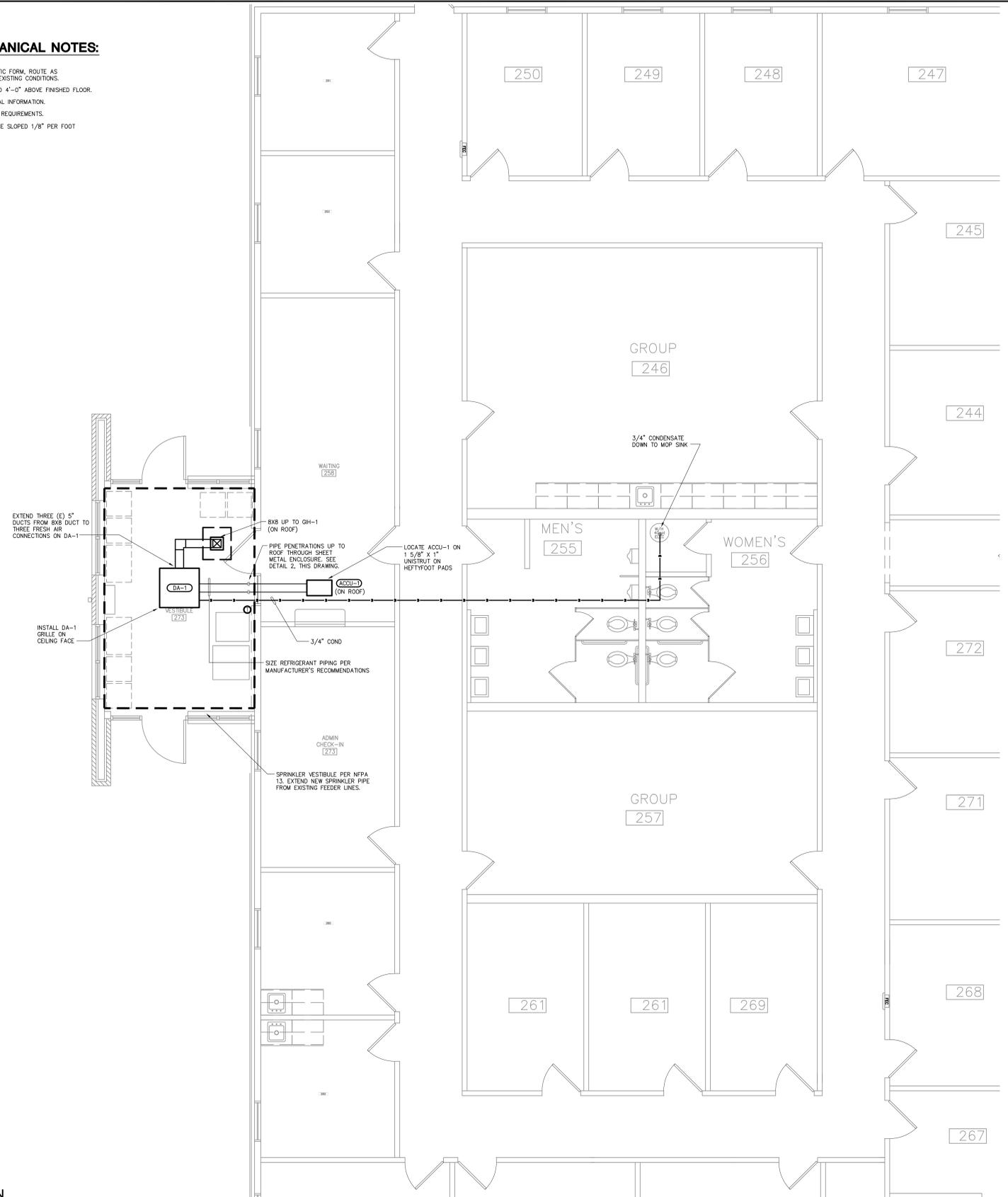


**GENERAL MECHANICAL NOTES:**

- DUCTWORK IS SHOWN IN SCHEMATIC FORM. ROUTE AS REQUIRED FOR CLEARANCE WITH EXISTING CONDITIONS.
- THERMOSTATS SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR.
- REFER TO DETAILS FOR ADDITIONAL INFORMATION.
- INSTALL DUCTWORK PER SMACNA REQUIREMENTS.
- ALL CONDENSATE PIPING SHALL BE SLOPED 1/8" PER FOOT MINIMUM (TYP.)

three eighths inch = one foot  
 one eighth inch = one foot  
 one quarter inch = one foot  
 one half inch = one foot  
 three quarters inch = one foot  
 one inch = one foot  
 one and one half inches = one foot  
 two inches = one foot  
 three inches = one foot  
 four inches = one foot  
 five inches = one foot  
 six inches = one foot  
 seven inches = one foot  
 eight inches = one foot  
 nine inches = one foot  
 ten inches = one foot  
 eleven inches = one foot  
 twelve inches = one foot

**1 MECHANICAL PLAN**  
 1/4" = 1'-0"



**DUCTLESS AIR CONDITIONER**

PLAN MARK	ROOM NAME	CFM	FAN MOTOR DATA			COOLING DATA		HEATING DATA		DESIGN BASIS	REMARKS
			WATTS	VOLTS	# MCA	SEAS	TOT	MBH	MBH		
DA-1	273	700	75	208	1	17	24.0	24.0	16.4	EMI CANG 36	HEAT PUMP

NOTES:  
 1. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ANY CONTROL WIRING BETWEEN DEVICES AND THE EQUIPMENT.  
 2. PROVIDE WITH 3 W HEATER.  
 3. DA-1 TO UTILIZE THREE FRESH AIR CONNECTIONS.  
 4. PROVIDE WITH CONDENSATE PUMP.

**AIR-COOLED CONDENSING UNIT SCHEDULE**

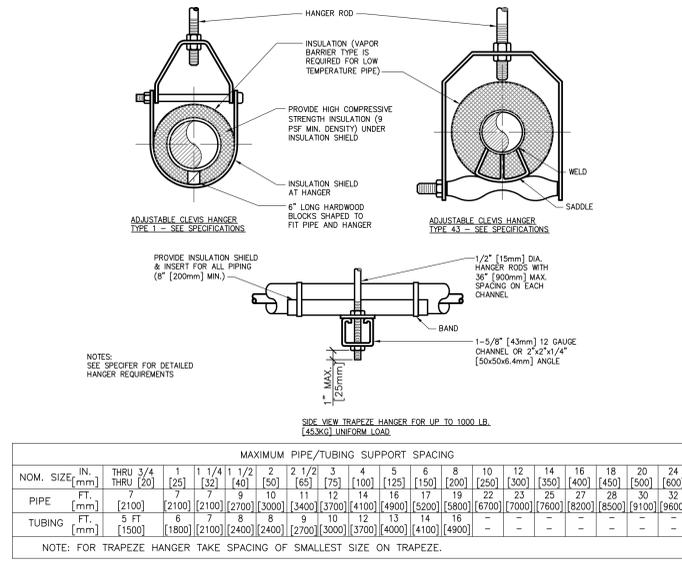
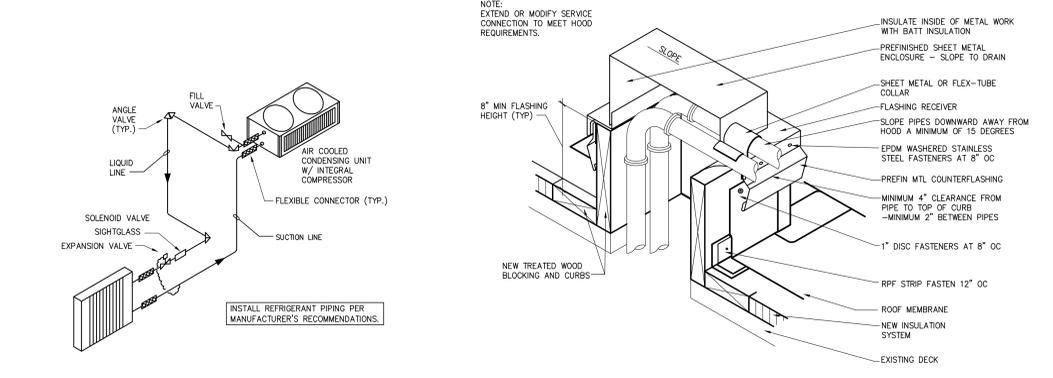
PLAN MARK	ROOM NAME	TOTAL COOLING MBH	COND AMBENT AIR TEMP (F)	REFRIG TYPE	STEPS OF UNLOADING	NUMBER OF COMPRESSORS	SEER	MCA	VOLTS	#	HZ	DESIGN BASIS	REMARKS
ACCU-1	273	24	95	R410A	1	1	13	10.8	208	1	60	EMI SHG4000D10	HEAT PUMP

NOTES:  
 1. LOW AMBIENT OPERATION DOWN TO 0F.  
 2. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ANY CONTROL WIRING BETWEEN DEVICES AND THE EQUIPMENT.

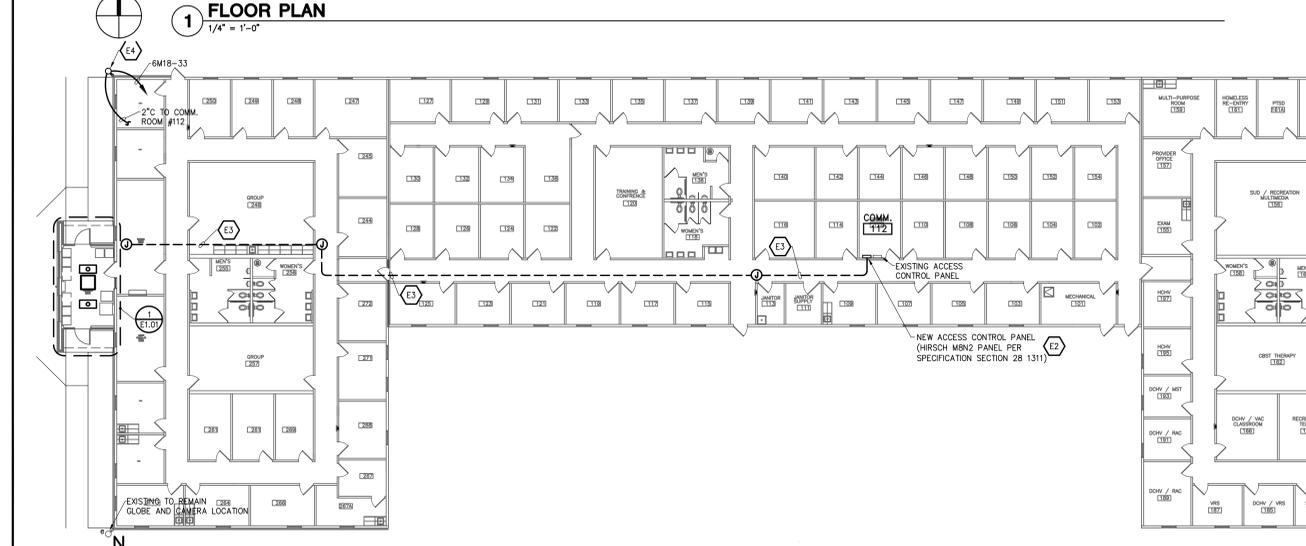
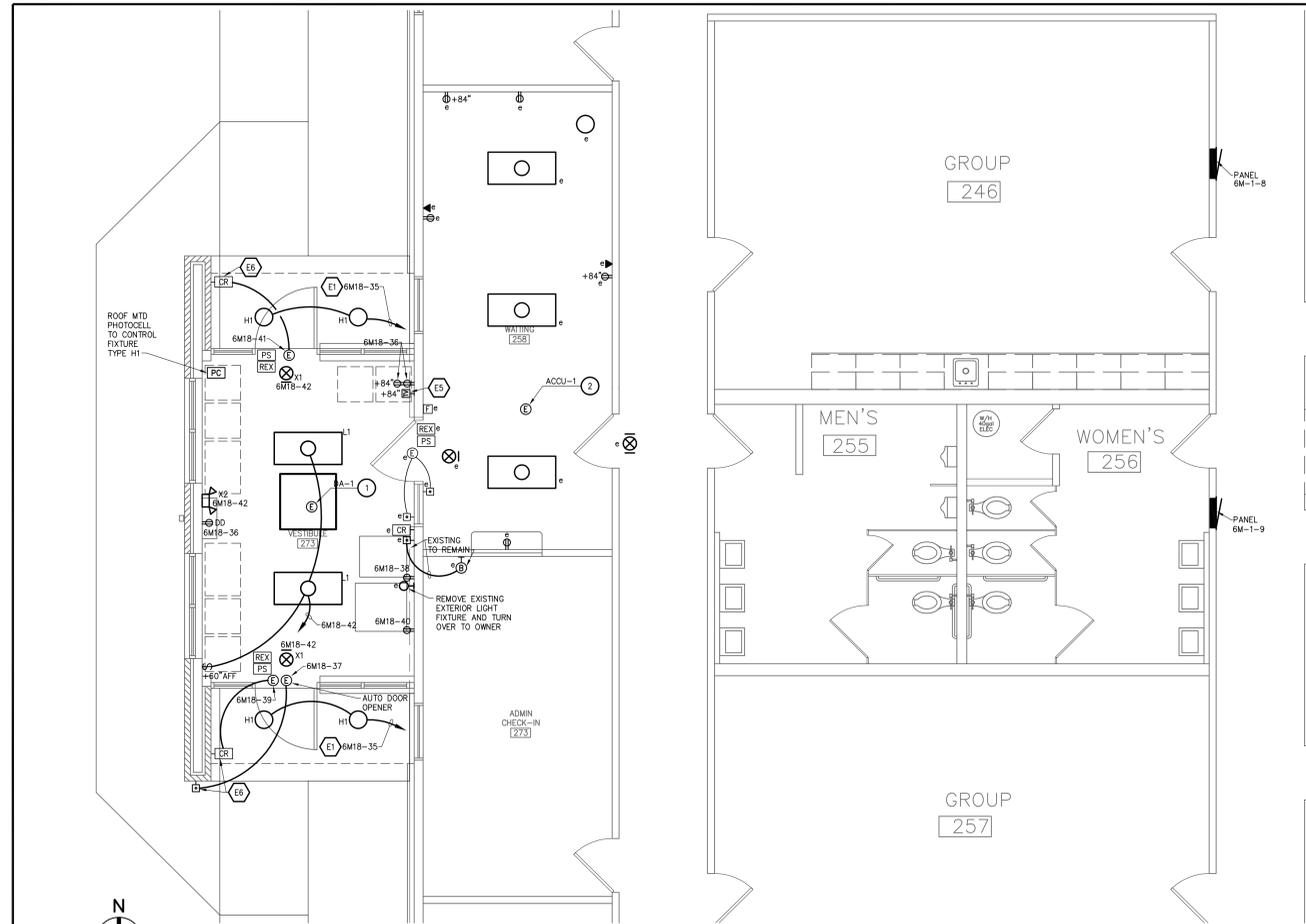
**GRAVITY INTAKE/RELIEF HOOD SCHEDULE**

PLAN MARK	SERVICE	CFM	THROAT SIZE	MAX PD (INCH WC)	OVERALL SIZE	DESIGN BASIS	REMARKS
GH-1	DA-1 INTAKE	100	12"X12"	.017	27"X12"	COOK 12X12GI	

NOTES:  
 1. GH-1 SHALL BE PROVIDED WITH MOTORIZED DAMPER AND INTERLOCKED WITH DA-1.



<b>CONSULTANTS:</b>  		<b>ARCHITECT/ENGINEERS:</b>  		Drawing Title <b>MECHANICAL PLAN</b>		Project Title <b>BUILDING 6M ENTRY VESTIBULE</b>		Project Number <b>636A6-12-907</b>		Office of Construction and Facilities Management Department of Veterans Affairs
Revisions Date		SHIVEHATTERY ARCHITECTURE+ENGINEERING 316 2nd Street SE Suite 500   Cedar Rapids, Iowa 52406 319.364.0227   Fax: 319.364.4251   shive-hattery.com Iowa   Illinois   Missouri 1121920		Approved Project Director		Location <b>DES MOINES, IOWA</b>		Building Number <b>6M</b>		
						Date <b>OCTOBER 31, 2012</b>		Drawing Number <b>ME101</b> Dwg. 4 of 5		



**1 FLOOR PLAN**  
1/4" = 1'-0"

**2 ACCESS CONTROL SYSTEM ELECTRICAL PLAN**  
1/16" = 1'-0"

PLAN MARK	MANUFACTURER AND MODEL NUMBER	LAMPS	VOLTS	MOUNTING	MOUNTING HEIGHT	REMARKS
H1	PRESCOLITE JDL34-40k-8-FL35-TRG	LED	120V	RECESSED	-	6" LENSED EXTERIOR DOWNLIGHT
L1	LITHONIA #2SP-332-A12125-EB-UNV	3-F32,18 4100K	120V	RECESSED	-	2x4 FLUORESCENT TROFFER
X1	LITHONIA #LES-IR-120/277-ELN-SD	LED	120V	SURFACE	-	SINGLE FACE EXIT LIGHT
X2	LITHONIA #ELM2-LED-SD	LED	120V	SURFACE	-	EMERGENCY LIGHTING WALL PACK

<p><b>CONSULTANTS:</b></p> <p>Revisions: _____ Date: _____</p>	<p><b>ARCHITECT/ENGINEERS:</b></p> <p><b>SHIVEHATTERY</b> ARCHITECTURE+ENGINEERING</p> <p>316 2nd Street SE Suite 500   Cedar Rapids, Iowa 52406 319.364.0227   fax: 319.364.4251   shive-hattery.com Iowa   Illinois   Missouri</p>	<p><b>Project Title:</b> BUILDING 6M ENTRY VESTIBULE</p> <p><b>Project Number:</b> 636A6-12-907</p> <p><b>Building Number:</b> 6M</p> <p><b>Location:</b> DES MOINES, IOWA</p> <p><b>Date:</b> OCTOBER 31, 2012</p> <p><b>Checked:</b> J-JH</p> <p><b>Drawn:</b> DMM</p> <p><b>Drawing Number:</b> E101 Dwg. 5 of 5</p> <p><b>Office of Construction and Facilities Management</b></p> <p><b>Department of Veterans Affairs</b></p>
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PANELBOARD SCHEDULE - EXISTING									
LOCATION: CORRIDOR		3 PHASE		4 WIRE		200 AMPERES		6M-1-8	
120/208 VOLTS		TYPE: SQUARE D QOC		MOUNTING: RECESSED		AIC:10k		REMARKS: SECTION 1 OF 1	
LOAD DESCRIPTION	QCT NO.	Q.C.P. DEVICE	KVA LOAD	PHI	KVA LOAD	Q.C.P. DEVICE	QCT NO.	LOAD DESCRIPTION	TOTAL KVA
RM 244,246 LTS	1	20A/1	-	A	-	20A/1	2	RM 244,246,HALL RCPT	
RM 245,247,248,249,250,251,253 LTS	3	20A/1	-	B	-	20A/1	4	HALL, RM 246 MICRO,COFFEE	
LTS LEFT WING,HALL	5	20A/1	-	C	-	20A/1	6	RM 253,258 RCPT	
RM 246, HALL RCPT	7	20A/1	-	A	-	20A/1	8	RM 245,247 RCPT	
RM 247,248,HALL RCPT	9	20A/1	-	B	-	20A/1	10	RM 249,250, HALL RCPT	
RM 251,253 RCPT	11	20A/1	-	C	-	20A/1	12	RM 248,349,250,HALL RCPT	
RM 246 RCPT	13	20A/1	-	A	-	35A/14	14	HVAC-11	
HVAC-13	15	30A/3	-	B	-	-	16	----	
----	17	----	-	C	-	----	18	----	
----	19	----	-	A	-	20A/1	20	RTU GF1 RCPT	
RTU GF1 RCPT	21	20A/1	-	B	-	20A/1	22	SPARE	
DRAWL SPACE HEATER UNIT	23	60A/3	-	C	-	20A/1	24	SPARE	
----	25	----	-	A	-	20A/1	26	RM 204 GF1 RCPT SOUTH	
----	27	----	-	B	-	20A/1	28	RM 204 GF1 RCPT SOUTH	
RM 209 EAST RCPT	29	20A/1	-	C	-	20A/1	30	RM 209 NE RCPT	
SPACE	31	/1	0	A	0	/1	32	SPACE	
SPACE (EXTERIOR CAMERA)	33	* /1	-	B	0	/1	34	SPACE	
SPACE (EXTERIOR LIGHTS)	35	* /1	-	C	-	* /1	36	SPACE (VESTIBULE RCPTS)	
SPACE (VESTIBULE AUTO DOOR)	37	* /1	-	A	-	* /1	38	SPACE (VEST. VENDING MACHINE)	
SPACE (VESTIBULE DOOR)	39	* /1	-	B	-	* /1	40	SPACE (VEST. VENDING MACHINE)	
SPACE (VESTIBULE DOOR)	41	* /1	-	C	-	* /1	42	SPACE (VESTIBULE ROOM LIGHTS)	

\* PROVIDE A 20 AMP, SINGLE POLE CIRCUIT BREAKER AT THE INDICATED LOCATION. MATCH EXISTING BREAKERS.

NOTE: EXISTING CIRCUIT LOAD DESCRIPTIONS (SHOWN IN LIGHTER WEIGHT TEXT) FOR EXISTING PANELBOARD SCHEDULES SHOWN ARE TAKEN FROM THE PANEL DIRECTORY AT THE PANEL AND ARE SHOWN FOR REFERENCE ONLY.

PANELBOARD SCHEDULE - EXISTING									
LOCATION: CORRIDOR		3 PHASE		4 WIRE		200 AMPERES		6M-1-9	
120/208 VOLTS		TYPE: SQUARE D QOC		MOUNTING: RECESSED		AIC:10k		REMARKS: SECTION 1 OF 1	
LOAD DESCRIPTION	QCT NO.	Q.C.P. DEVICE	KVA LOAD	PHI	KVA LOAD	Q.C.P. DEVICE	QCT NO.	LOAD DESCRIPTION	TOTAL KVA
RM 255,256,258 LTS	1	20A/1	-	A	-	20A/1	2	RM 271,272 RCPT	
RM 257,259,271,272 LTS	3	20A/1	-	B	-	20A/1	4	JANITOR RM RCPT	
LTS LEFT WING,HALLBATHROOM	5	20A/1	-	C	-	20A/1	6	RM 259,258 RCPT	
RM 259,260 RCPT	7	20A/1	-	A	-	20A/1	8	RM 257 FLOOR RCPT	
RM 257 RCPT	9	20A/1	-	B	-	/1	10	SPACE	
WATER HEATER	11	25A/2	-	C	-	40A/3	12	HVAC-12	
----	13	----	-	A	-	----	14	----	
RTU GF1 RCPT	15	20A/1	-	B	-	----	16	----	
AUTO DOOR	17	20A/1	-	C	-	30A/3	18	HVAC-14	
SPACE	19	/1	0	A	-	----	20	----	
SPACE	21	/1	0	B	-	----	22	----	
SPACE	23	/1	0	C	-	20A/1	24	RTU GF1 RCPT	
SPACE	25	/1	0	A	0	/1	26	SPACE	
SPACE	27	/1	0	B	0	/1	28	SPACE	
SPACE	29	/1	0	C	0	/1	30	SPACE	
SPACE	31	/1	0	A	0	/1	32	SPACE	
SPACE	33	/1	0	B	0	/1	34	SPACE	
SPACE	35	/1	0	C	0	/1	36	SPACE	
SPACE	37	/1	0	A	0	/1	38	SPACE	
SPACE (VEST. ACCU-1/DA-1)	39	* /1	0	B	0	/1	40	SPACE	
SPACE (----)	41	/1	0	C	0	/1	42	SPACE	

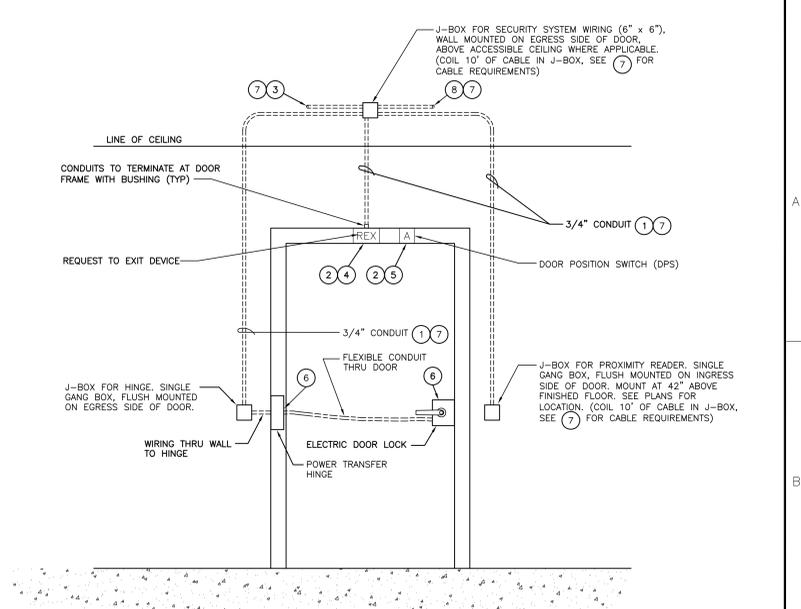
\*\* PROVIDE ONE 20 AMP, TWO POLE CIRCUIT BREAKER AT THE INDICATED LOCATION. MATCH EXISTING BREAKERS.

**GENERAL ELECTRICAL NOTES:**

- REFER TO ARCHITECTURAL DRAWING AND ELEVATIONS FOR FINAL LOCATIONS OF ALL DEVICES MOUNTED ABOVE COUNTER.
- REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR STANDARD MOUNTING HEIGHTS, EQUIPMENT DESCRIPTIONS AND EQUIPMENT FINAL LOCATIONS.
- PROVIDE A GREEN INSULATED GROUNDING CONDUCTOR FOR ALL EQUIPMENT, LIGHT FIXTURES AND RECEPTACLES.
- ALL COMBINATION TELEPHONE/DATA OUTLETS AND WALL TELEPHONE OUTLETS SHALL HAVE ONE (1) DOUBLE GANG BOX AND BLANK COVER PLATE. PROVIDE ONE (1) 1" CONDUIT FROM THE OUTLET BOX TO THE FLOOR ELECTRICAL ROOM CEILING SPACE. THE DEVICE, COVERPLATE, AND CABLING SHALL BE CONSIDERED BY OTHERS.
- THE NEW AND RELOCATED FIRE ALARM DEVICES IN THE REMODEL SPACES SHALL BE CONNECTED TO THE FIRE ALARM SYSTEM. ANY NEW FIRE ALARM DEVICES SHALL MATCH EXISTING. UPGRADE SYSTEM PER SPECIFICATIONS.
- AT LOCATIONS WHERE ELECTRICAL DRAWINGS SHOW A NEW DEVICE IN AN EXISTING TO REMAIN WALL, ELECTRICAL CONTRACTOR SHALL CUT AND PATCH THE WALL AS REQUIRED TO RECESS THE BACKBOX AND ROUTE THE CONDUIT CONCEALED.
- PROVIDE AN UNSWITCHED CONDUCTOR TO EACH EXIT SIGN AND BATTERY PACK FIXTURE.
- A LOWER CASE LETTER "A" ADJOINING A DEVICE OR FIXTURE INDICATES THAT THE DEVICE/FIXTURE IS EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.
- ALL CONDUIT SHALL BE REMOVED WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG WHERE CONDUIT IS RUN EXPOSED. ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH THE OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING ELECTRICAL AND INSTALLING NEW ITEMS.
- REFER TO ARCHITECTURAL PHASING PLANS FOR PHASING OF DEMOLITION. PROVIDE TEMPORARY SERVICES EXTERIOR AS REQUIRED TO FACILITATE THE PHASING PLAN.
- EQUIPMENT REMOVAL IN CERTAIN LOCATIONS MAY REQUIRE THE INSTALLATION OF A JUNCTION BOX TO RECONNECT CIRCUITS THAT REMAIN IN OPERATION. EXTEND CONDUIT AND WIRING AS REQUIRED TO MAINTAIN POWER TO REMAINING EQUIPMENT.
- WHERE DEVICES ARE TO BE REMOVED FROM EXISTING TO REMAIN WALLS, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING THE WALL.

**REFERENCED ELECTRICAL NOTES:**

- E1 PROVIDE A PHOTOCELL ON THE ROOF OF THE NEW VESTIBULE BUILDING. THE PHOTOCELL SHALL BE WIRED THROUGH CIRCUIT 6M18-35 TO CONTROL THE INDICATED LIGHT FIXTURE.
- E2 FURNISH AND INSTALL THE NEW ACCESS CONTROL PANEL ADJACENT TO THE EXISTING PANEL. CONNECT THE NEW PANEL TO THE SAME 120 VAC CIRCUIT THAT FEEDS THE EXISTING PANEL.
- E3 ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ONE (1) 2" EMT CONDUIT FROM THE ACCESS CONTROL PANEL TO THE WAITING ROOM 258. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CEILING REMOVAL AND RE-INSTALLATION AS REQUIRED FOR CONDUIT INSTALLATION. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE WIRING FROM THE PANEL TO THE TWO CONTROLLED DOORS.
- E4 CONTRACTOR SHALL FURNISH AND INSTALL ONE NEW 8 MEGAPIXEL, 360° CAMERA WITH GLOBE, MATCHING EXISTING EXTERIOR CAMERA ASSEMBLY ON THE SOUTHWEST CORNER. PROVIDE CABLING BACK TO COMMUNICATIONS ROOM 112.
- E5 FURNISH AND INSTALL ONE CAT 6 CABLE, 1" FROM THE TV JACK TO COMM. ROOM 112 EXISTING PATCH PANEL AND TERMINATE.
- E6 INDICATED EXTERIOR DEVICE BACKBOX SHALL BE FLUSH MOUNTED WITH CONDUIT ROUTED CONCEALED.



- NOTES:**
- CONCEAL CONDUIT IN WALL AT NEW CONSTRUCTION AND AT EXISTING FRAME CONSTRUCTION; SURFACE MOUNT ON INTERIOR FACE AT EXISTING MASONRY.
  - REQUEST TO EXIT AND DOOR POSITION SWITCH PROVIDED, MOUNTED AND TERMINATED BY SECURITY SYSTEM VENDOR.
  - SEE PLAN FOR CONTINUATION.
  - MOTION DETECTOR MOUNTED ON EGRESS SIDE OF THE DOOR FRAME BY SECURITY SYSTEM VENDOR.
  - DPS (DOOR POSITION SWITCH) MOUNTED IN FRAME HEADER, 10" FROM CENTER OF FRAME, TOWARD DOOR LOCK.
  - PREPARE NEW DOORS TO RECEIVE NEW DOOR HARDWARE AS SCHEDULED.
  - REFER TO SPECIFICATION SECTION 28 1311 FOR CABLE REQUIREMENTS.
  - 2" CONDUIT FEED BACK TO ACCESS CONTROL PANEL.

**SINGLE DOOR SECURITY SYSTEM (ELECTRICAL LOCK)**  
NOT TO SCALE

ELECTRICAL SYMBOLS	
(Symbol)	LIGHTING FIXTURE TYPE AS NOTED
(Symbol)	EXTERIOR WALL MOUNTED LIGHT
(Symbol)	FLUORESCENT FIXTURE TYPE AS NOTED
(Symbol)	EXIT SIGN MOUNTED ON CEILING. ARROW(S)/BAR(S) INDICATE FACE(S)/DIRECTION
(Symbol)	EMERGENCY LIGHTING (BATTERY PACK)
(Symbol)	SWITCH, SINGLE POLE, +48" UNO
(Symbol)	PANELBOARD, FLUSH MOUNTED
(Symbol)	JUNCTION BOX
(Symbol)	FIRE ALARM MANUAL STATION, +48"
(Symbol)	EQUIPMENT CONNECTION
(Symbol)	COMBINATION TELEPHONE OUTLET AND DATA OUTLET IN A COMMON DOUBLE GANG BOX, AT 18" A.F.F.
(Symbol)	DUPLEX RECEPTACLE WITH GROUND 3 WIRE, 120V, +18" UNO 3 DD = DOUBLE DUPLEX
(Symbol)	ANNUNCIATION BELL
(Symbol)	PUSHBUTTON
(Symbol)	ACCESS CONTROL CARD READER
(Symbol)	ACCESS CONTROL REQUEST TO EXIT
(Symbol)	ACCESS CONTROL DOOR STRIKE POSITION SWITCH

ELECTRICAL SYMBOLS NOTES	
1.	THIS IS A STANDARD SYMBOL LIST, NOT ALL SYMBOLS MAY BE USED ON PLANS.
2.	CONDUIT AND CONDUCTORS ARE SHOWN TO INDICATE CIRCUITING AND SWITCHING. THE EXACT ROUTING OF CONDUIT AND THE EXACT QUANTITIES OF CONDUCTORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4.	A LOWER CASE "A" NEXT TO A DEVICE INDICATES THE DEVICE IS EXISTING TO REMAIN FROM DEMOLITION.

CONSTRUCTION DOCUMENTS 100%